

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1955	((abnormal or defective or malfunctioning) with battery with (monitor\$3 or detect\$3 or sens\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/12 21:04
L2	1	1 and ((predict\$3 or forecast\$3 or extrapolat\$3 or project\$3) with (recover\$3 or recuperat\$3 or restor\$5) with (discharge or drain\$3 or losing adj charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/12 21:09
L3	444	((predict\$3 or forecast\$3 or extrapolat\$3 or project\$3) with (recover\$3 or recuperat\$3 or restor\$5) with (discharge or drain\$3 or losing adj charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/12 21:10
L4	3	3 with (battery with (monitor\$3 or sens\$3 or detect\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/12 21:12
L5	1	(battery system battery equipment stores electric power charged discharges stored power load voltage sensor measures charging voltage discharging voltage battery equipment current sensor measures charging current discharging current controller outputs voltage sensor current sensor controls charging discharging battery equipment controller monitoring variation recovering voltage immediately before after ceasing discharge load discharge voltage recovery characteristics discharge current battery equipment diagnosing abnormality battery equipment battery replacement judgment section accumulates value current charged battery abnormality full-charging battery replacement cumulative current value smaller cumulative current judgment value).clm.	US-PGPUB	AND	ON	2006/09/12 21:16

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L6	1	(battery system equipment electric power charged discharges load voltage sensor current sensor charging current controller outputs monitoring variation recovering voltage ceasing voltage recovery characteristics diagnosing abnormality battery replacement judgment section current judgment value).clm.	US-PGPUB	AND	ON	2006/09/12 21:18
L7	1213	320/134	US-PGPUB; USPAT	AND	ON	2006/09/12 21:18
L8	43	L7 and (vehicle with (second\$3 or back\$up) adj battery)	US-PGPUB; USPAT	AND	ON	2006/09/12 21:18
L9	43	L7 and (vehicle with (second\$3 or back\$1up) adj battery)	US-PGPUB; USPAT	AND	ON	2006/09/12 21:19
L10	3	L9 and (ac-dc adj converter or rectifier)	US-PGPUB; USPAT	AND	ON	2006/09/12 21:19
L11	19	L9 and ((ac-dc adj converter) or rectifier or charger)	US-PGPUB; USPAT	AND	ON	2006/09/12 21:19
L12	0	L7 with (performance adj recovery adj characteristics)	US-PGPUB; USPAT	AND	ON	2006/09/12 21:20
L13	0	L7 with (performance same recovery same characteristics)	US-PGPUB; USPAT	AND	ON	2006/09/12 21:21
L14	33041	battery same monitor\$3	US-PGPUB; USPAT	AND	ON	2006/09/12 21:21
L15	5127	L14 and (charger)	US-PGPUB; USPAT	AND	ON	2006/09/12 21:21
L16	2562	L15 and converter	US-PGPUB; USPAT	AND	ON	2006/09/12 21:21
L17	3	L16 and (performance same recovery same characteristic)	US-PGPUB; USPAT	AND	ON	2006/09/12 21:21
L18	3437	Kinoshita.in.	US-PGPUB; USPAT	AND	ON	2006/09/12 21:21
L19	223	L18 and (battery)	US-PGPUB; USPAT	AND	ON	2006/09/12 21:21
L20	82	L19 and (converter)	US-PGPUB; USPAT	AND	ON	2006/09/12 21:21
L21	13	L20 and (abnormal)	US-PGPUB; USPAT	AND	ON	2006/09/12 21:21
S1	1	US "20040251875" A1	US-PGPUB; USPAT	AND	ON	2006/01/30 16:59
S2	1096	battery adj monitor	US-PGPUB; USPAT	AND	ON	2006/01/27 17:38

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S3	0	JP S2 "052034"	US-PGPUB; USPAT; JPO; DERWENT	AND	ON	2006/01/27 17:38
S4	3	JP "11" "052034"	US-PGPUB; USPAT; JPO; DERWENT	AND	ON	2006/01/27 17:39
S5	77	S2 and (320/134)	US-PGPUB; USPAT; JPO; DERWENT	AND	ON	2006/01/27 17:40
S6	47	S5 and (performance)	US-PGPUB; USPAT; JPO; DERWENT	AND	ON	2006/01/27 17:42
S7	28	S6 and (normal or abnormal)	US-PGPUB; USPAT; JPO; DERWENT	AND	ON	2006/01/27 17:43
S8	19	S6 and ((normal or abnormal) with (voltage or current))	US-PGPUB; USPAT; JPO; DERWENT	AND	ON	2006/01/27 17:43
S9	1104	320/134	US-PGPUB; USPAT	AND	ON	2006/01/30 15:37
S10	1	"6909287"	US-PGPUB; USPAT	AND	ON	2006/01/30 15:37
S11	70332	locus	US-PGPUB; USPAT	AND	ON	2006/01/30 16:59
S12	1104	320/134	US-PGPUB; USPAT	AND	ON	2006/01/30 16:59
S13	7	S12 and locus	US-PGPUB; USPAT	AND	ON	2006/01/30 17:13
S15	1104	320/134	US-PGPUB; USPAT	AND	ON	2006/01/30 17:15
S17	40	S15 and (vehicle with (second\$3 or backup) adj battery)	US-PGPUB; USPAT	AND	ON	2006/01/30 17:17
S18	38	S15 and (vehicle with (second\$3 or back-up) adj battery)	US-PGPUB; USPAT	AND	ON	2006/01/30 17:17
S19	40	S15 and (vehicle with (second\$3 or back\$1up) adj battery)	US-PGPUB; USPAT	AND	ON	2006/01/30 17:17
S21	3	S19 and ((ac-dc adj converter) or rectifier)	US-PGPUB; USPAT	AND	ON	2006/01/30 17:19
S22	16	S19 and ((ac-dc adj converter) or rectifier or charger)	US-PGPUB; USPAT	AND	ON	2006/09/12 21:19

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S23	0	S15 with (performance adj recovery adj characteristics)	US-PGPUB; USPAT	AND	ON	2006/09/12 21:20
S24	0	S15 with (performance same recovery same characteristics)	US-PGPUB; USPAT	AND	ON	2006/09/12 21:21
S25	1154	(performance same recovery same characteristics)	US-PGPUB; USPAT	AND	ON	2006/01/30 17:32
S26	30019	battery same monitor\$3	US-PGPUB; USPAT	AND	ON	2006/01/30 17:33
S28	4641	S26 and (charger)	US-PGPUB; USPAT	AND	ON	2006/01/30 17:33
S29	2339	S28 and converter	US-PGPUB; USPAT	AND	ON	2006/01/30 17:33
S30	0	S29 and (performance with recovery with characteristic)	US-PGPUB; USPAT	AND	ON	2006/01/30 17:34
S31	3	S29 and (performance same recovery same characteristic)	US-PGPUB; USPAT	AND	ON	2006/09/12 21:21
S32	3183	Kinoshita.in.	US-PGPUB; USPAT	AND	ON	2006/01/30 17:36
S33	204	S32 and (battery)	US-PGPUB; USPAT	AND	ON	2006/01/30 17:35
S34	78	S33 and (converter)	US-PGPUB; USPAT	AND	ON	2006/01/30 17:35
S35	11	S34 and (abnormal)	US-PGPUB; USPAT	AND	ON	2006/09/12 21:21
S36	1	S35 and (performance adj recovery adj characteristic)	US-PGPUB; USPAT	AND	ON	2006/01/30 17:35
S37	35	S32 and (Takuya)	US-PGPUB; USPAT	AND	ON	2006/01/30 17:36
S38	21	("3940679" "4316185" "4424491" "4823086" "5406266" "5525890" "5539318").PN. OR ("5675258").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/30 18:40
S39	3	S38 and (abnormal)	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/30 18:40
S40	16	S38 and (abnormal or predetermined)	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/30 18:40
S41	21	S38 and (abnormal or predetermined or reference)	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/30 18:41
S42	21	S38 and (abnormal or predetermined or reference or diagnosing)	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/30 18:41

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S43	21	S38 and (abnormal or predetermined or reference or diagnosing or monitoring)	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/30 18:41
S44	21	S38 and (abnormal or predetermined or reference or diagnosing or monitoring or judging)	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/31 13:03
S46	22	("3852652" "4755735" "5583871" "5675258" "5680030" "5686815").PN. OR ("5886527").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/31 12:58
S47	21	("3940679" "4316185" "4424491" "4823086" "5406266" "5525890" "5539318").PN. OR ("5675258").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/31 13:04
S48	0	S47 and ((abnormal) with (predetermined or threshold) with (reference or limit) with (diagnosing or monitoring) with (judging with defective))	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/31 13:04
S49	0	S47 and ((abnormal) and (predetermined or threshold) and (reference or limit) and (diagnosing or monitoring) and (judging with defective))	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/31 13:05
S50	1106	320/134	US-PGPUB; USPAT	AND	ON	2006/01/31 13:20
S51	0	S50 and ((abnormal) and (predetermined or threshold) and (reference or limit) and (diagnosing or monitoring) and (judging with defective))	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/31 13:05
S52	3	S50 and ((abnormal or normal) and (predetermined or threshold) and (reference or limit) and (diagnosing or monitoring) and (judging and defective))	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/31 13:14
S53	0	S50 and ((judg\$3 with (abnormal or normal)) and (predetermined or threshold) and (reference or limit) and (diagnos\$3 with defective) and (monitoring with (voltage and current)))	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/31 13:17
S54	0	(battery with charg\$3) and ((judg\$3 with (abnormal or normal)) and (predetermined or threshold) and (reference or limit) and (diagnos\$3 with defective) and (monitoring with (voltage and current)))	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/31 13:18

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S56	0	(battery same charg\$3) and ((judg\$3 with (abnormal or normal)) and (predetermined or threshold) and (reference or limit) and (diagnos\$3 same defective) and (monitoring same (voltage and current)))	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/31 13:19
S58	0	(battery adj charger) and ((judg\$3 with (abnormal or normal)) and (reference or limit) and (diagnos\$3 same defective) and (monitoring same (voltage and current)))	US-PGPUB; USPAT; USOCR	AND	ON	2006/01/31 13:19
S59	1	S50 and (judging with abnormal)	US-PGPUB; USPAT	AND	ON	2006/01/31 13:21
S60	14	S50 and (judg\$4 with abnormal)	US-PGPUB; USPAT	AND	ON	2006/01/31 15:01
S61	1106	320/134	US-PGPUB; USPAT	AND	ON	2006/01/31 15:42
S62	1106	320/134	US-PGPUB; USPAT	AND	ON	2006/01/31 15:42
S63	2	S62 and (fuel-cell with (car or vehicle))	US-PGPUB; USPAT	AND	ON	2006/01/31 16:19
S64	1	"5675258".pn.	US-PGPUB; USPAT	AND	ON	2006/01/31 15:59
S65	237	S62 and (secondary adj battery)	US-PGPUB; USPAT	AND	ON	2006/01/31 16:19
S66	45	S65 and vehicle	US-PGPUB; USPAT	AND	ON	2006/01/31 16:20
S67	58	S65 and (vehicle or car or hybrid)	US-PGPUB; USPAT	AND	ON	2006/01/31 16:20
S68	2	S67 and (starter adj motor)	US-PGPUB; USPAT	AND	ON	2006/01/31 16:20
S69	4	S67 and (starter)	US-PGPUB; USPAT	AND	ON	2006/01/31 16:21
S70	4	S67 and (starter and controller and generator)	US-PGPUB; USPAT	AND	ON	2006/01/31 17:05
S71	1	S67 and (fuel cell car)	US-PGPUB; USPAT	AND	ON	2006/01/31 17:06
S72	4536	(fuel cell car)	US-PGPUB; USPAT	AND	ON	2006/01/31 17:06
S73	1555	S72 and (electric\$2 adj power)	US-PGPUB; USPAT	AND	ON	2006/01/31 17:07
S74	1929	S72 and (fuel adj cell)	US-PGPUB; USPAT	AND	ON	2006/01/31 17:08
S75	87	S74 and (battery with inverter)	US-PGPUB; USPAT	AND	ON	2006/01/31 17:08

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S76	62	S75 and load	US-PGPUB; USPAT	AND	ON	2006/01/31 17:08
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